Computers and Geotechnics **7** (1989) 349–350

CONTENTS OF VOLUME 7

Numbers 1 and 2

Special Issue on Soil Reinforcement

Editorial 1

Influence of a Soil-Strip Interface Failure Condition on the Yield-Strength of Reinforced Earth 3
P. DE BUHAN & L. SIAD (France)

Modeling of Membrane Action in a Two-Layer Reinforced Soil System . . 19
P. L. BOURDEAU (USA)

Some Theoretical Approaches About Reinforced Embankments on Weak Soil . 37
J. MONNET, I. GALERA & M. MOMMESSIN (France)

Limit Analysis of Cohesive Slopes Reinforced with Geotextiles 53
A. SAWICKI & D. LESNIEWSKA (Poland)

Mixed Modelling of Reinforced Soils Within the Framework of the Yield Design Theory 67
A. ANTHOINE (France)

Behaviour of Granular Materials Reinforced by Continuous Threads. . . 83
P. VILLARD & P. JOUVE (France)

A Numerical Method for the Analysis of Ground Improved by Columnar Inclusions 99
G. CANETTA & R. NOVA (Italy)

Basic Features of Soil Structure Interface Behaviour 115
M. BOULON (France)

An Interface Element Formulation for the Analysis of Soil-Reinforcement Interaction 133
A. GENS, I. CAROL & E. E. ALONSO (Spain)

Calendar of Events 153

Computers and Geotechnics **7** (1989)—© 1989 Elsevier Science Publishers Ltd, England. Printed in Great Britain

Number 3

Elasto-Plastic Model for Cemented and Pure Sand Deposits 155
O. A. PEKAU & V. GOCEVSKI (Canada)

Development of a Knowledge-Based System for the Selection of Groundwater Control Methods 189
I. E. G. DAVEY-WILSON & I. M. MAY (UK)

Prediction of Seismically Induced Deformation of Liyutan Dam, Taiwan, by Means of Cyclic Triaxial Testing and Finite Element Analysis 205
L. P. SHI (Taiwan), I. TOWHATA (Japan) & M. WIELAND (Thailand)

Compaction Due to a Cyclic Force Acting in the Inside of a Sandy Subsoil . 223
A. SAWICKI & P. ŚLIWIŃSKI (Poland)

A Tunnel Support Analysis Incorporating Rock Creep and the Compressibility of a Broken Rock Stratum 239
N. CRISTESCU & I. DUDA (Romania)

A Mapping Finite Element Method for the Analysis of Laterally Loaded Single Piles 255
B. NATH (UK)

Calendar of Events 267

Number 4

Computer Simulation and Modelling of Mechanical Properties of Particulates . 269
C. S. CHANG & A. MISRA (USA)

Finite Element Analysis of a Centrifuge Model of a Retaining Wall Embedded in a Heavily Overconsolidated Clay 289
M. D. BOLTON, A. M. BRITTO, W. POWRIE (UK) &
T. P. WHITE (Australia)

Discussion: Letter to the Editor (Single Surface Yield and Potential Function Plasticity Models: A Review, by C. S. Desai) and Author's Reply (P. V. Lade) . 319

Review of Recent Papers Published in French 337

Review of Recent Papers Published in German 343

Calendar of Events 347